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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
ISAKSSON ET AL. )  
Serial No. 09/147,750 )  
Filing Date: May 28, 1999 )  
For: MULTI-CARRIER TRANSMISSION )  
SYSTEMS )

RECEIVED  
JUN 25 2001  
Technology Center 2600

REVOCATION OF PRIOR POWERS AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

STMicroelectronics N.V., a Netherlands corporation, located at World Trade Center Strawinskylaan 1725, 1077 XX Amsterdam, Netherlands, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the previous owner, Telia AB, of the patent application identified above. The original assignment was fully executed on October 31, 2000 and submitted to the U.S. Patent and Trademark Office for recordation on February 5, 2001. A copy of the executed assignment is enclosed.

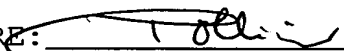
We hereby revoke all powers of attorney heretofore given by us and appoint the following attorneys: **Christopher F. Regan**, Reg. No. 34,906; **Herbert L. Allen**, Reg. No. 25,322; **David L. Sigalow**, Reg. No. 36,006; **Jeffrey S. Whittle**, Reg. No. 36,382; **Richard K. Warther**, Reg. No. 32,180; **Michael W. Taylor**, Reg. No. 43,182; **Henry Estevez**, Reg. No. 37,823; **Paul J. Ditmyer**, Reg. No. 40,455; **John F. Woodson, II**, Reg. No. 45,236; **Charles E. Wands**, Reg. No. 25,649; **Jacqueline E. Hartt**, Reg. No. 37,845; **Mark R. Malek**, Reg. No. 46,894; and

In re Patent Application of:  
**ISAKSSON ET AL.**  
Serial No. **09/147,750**  
Filed: **May 28, 1999**

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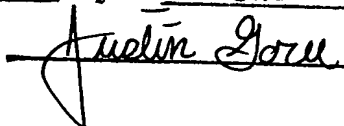
**Richard A. Hinson**, Reg. No. P-47,652 with full power of substitution, association and revocation, to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

The Commissioner of Patents and Trademarks is respectfully requested to forward all communications regarding said application to the attention of Christopher F. Regan at Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., P.O. Box 3791, Orlando, Florida 32802-3791. Direct telephone calls to: Christopher F. Regan at 407-841-2330.

DATE: 6-6-01  
NAME: Pierre Ollivier  
TITLE: General Counsel/Group Vice President Legal & IP  
SIGNATURE: 

(54302)

**CERTIFICATE OF MAILING**

I hereby certify the foregoing  
Power of Attorney is being  
forwarded by U.S. Mail to:  
Commissioner of Patents & Trademarks,  
Washington, D.C. 20231, this  
18 day of June, 2001  




Atty Docket No.: 2867-2SD

FORM PTO-1595  
1-31-92

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

TELIA AB

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance:

- ☐ Assignment  
☐ Security Agreement  
☐ Other

- ☐ Merger  
☐ Change of Name

Execution Date: October 31, 2000

2. Name and address of receiving party(ies):

Name: STMicroelectronics NV

Address: World Trade Center  
Strawinskylaan 1725  
1077 XX Amsterdam, The Netherlands

Additional name(s) and address(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

SEE ATTACHED ADDENDUM

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:



22850

6. Total applications and patents involved: 21

7. Total fee (37 CFR 3.41): \$840.00

- ☐ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 15-0030  
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Marvin J. Spivak

Name of Person Signing

Signature

Date

Registration Number: 24,913

Total number of pages including this cover sheet: 5

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
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Washington, D.C. 20231



ADDENDUM

Patent Application Nos.:

09/147,750  
09/147,749  
09/147,746  
09/147,758  
09/147,748  
09/147,756  
09/147,743  
09/147,759  
09/147,745  
09/147,742  
09/147,744  
09/147,755  
09/446,357  
09/446,120  
09/147,230  
09/147,229  
09/529,429  
09/529,427  
09/530,947  
09/555,816  
09/582,637

31-OCT-00 TUE 11:23

AM PATENT STOCKHOLM

FAX NO. +46 8 4409550

P. 03/07

AUG.23.2000 11:50AM

ON, SPIVAK, ETC.

NO.138 P.3

ASSIGNMENT

WHEREAS, Tella AB of Marbackagatan 11, S-123 86 Farsta, Sweden, a corporation organized and existing under the laws of the Country of Sweden is the sole and exclusive owner, by assignment, of the following applications for letters patent of the United States of America:

<u>Serial Number</u>	<u>Filing Date</u>
09/147,750	March 1, 1999
09/147,749	June 1, 1999
09/147,746	June 23, 1999
09/147,758	June 2, 1999
09/147,748	June 1, 1999
09/147,756	March 2, 1999
09/147,743	August 30, 1999
09/147,759	June 1, 1999
09/147,745	March 1, 1999
09/147,742	March 1, 1999
09/147,744	March 1, 1999
09/147,755	March 2, 1999
09/446,357	March 9, 2000
09/446,120	December 27, 1999
09/147,230	February 9, 1999
09/147,229	November 3, 1998
09/529,429	May 3, 2000
09/529,427	May 3, 2000
09/530,947	May 15, 2000
09/555,816	June 5, 2000
09/582,637	July 28, 2000

WHEREAS, STMicroelectronics NV of World Trade Center, Strawinskylaan 1725, 1077 XX Amsterdam, The Netherlands, a corporation organized and existing under the laws of the Country of The Netherlands (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to

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AMAPATENT STOCKHOLM

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LON. SPIVAK, ETC.

NO.138 P.4

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said applications for letters patent, the inventions described therein, and in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other valuable consideration, the receipt of which is hereby acknowledged, Telia AB by these presents do sell, assign and transfer unto said ASSIGNEE the entire right, title and interest for the territory of the United States of America in and to the aforesaid applications for letters patent, the inventions described therein and in and to any and all Letters Patent which may be granted therefor and in and to any and all divisions, continuations, reissues, substitutions and renewals thereof.

Telia AB hereby authorizes and requests that the Patent Office in the United States and its territorial possessions to issue any and all of said Letters Patent, when granted to said ASSIGNEE as the assignee of the entire right, title and interest, in and to the same, for the use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by Telia AB had this Assignment and sale not been made.

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APATENT STOCKHOLM

FAX NO. +46 4409550

P. 05/07

AUG.23.2000 11:51AM

ON, SPIVAK, ETC.

NO.138 P.5

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IN TESTIMONY WHEREOF, Tella AB has caused these presents to be  
signed by its officers hereunto duly authorized.

TELLA AB

Date; 31 October, 2000

By: 

Name: Rolf Pragsten

Title: Head of Corporate Patent and  
Trademark Department